

Family list**8 family members for: US2004162538**

Derived from 8 applications

[Back to US2004162](#)

- 1 ABSORBENT ARTICLES WITH ELASTICATED TOPSHEETS**
Inventor: MUELLER JOERG (DE); WESTERHEIDE LARS (DE); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F5/44; A61F5/452 (+8)
Publication info: AT342031T T - 2006-11-15
- 2 ABSORBENT ARTICLES WITH ELASTICATED TOPSHEETS**
Inventor: MUELLER JOERG (DE); LANGDON FREDERICK MICHAEL (US); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F5/44; A61F5/452 (+8)
Publication info: CA2452475 A1 - 2003-02-06
- 3 ABSORBENT ARTICLES WITH ELASTICATED TOPSHEETS**
Inventor: MUELLER JOERG (DE); WESTERHEIDE LARS (DE); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F13/511; A61F5/44 (+8)
Publication info: DE60123729D D1 - 2006-11-23
- 4 Absorbent articles with elastic topsheets**
Inventor: MUELLER JOERG (DE); WESTERHEIDE LARS (DE); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F13/511; A61F5/44 (+8)
Publication info: EP1632207 A1 - 2006-03-08
- 5 ABSORBENT ARTICLES WITH ELASTICATED TOPSHEETS**
Inventor: **Applicant:**
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F5/44; A61F5/452 (+12)
Publication info: JP2004535888T T - 2004-12-02
- 6 ABSORBENT ARTICLES WITH ELASTICATED TOPSHEETS.**
Inventor: FREDERICK MICHAEL LANGDON (US) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F5/44; A61F5/452 (+8)
Publication info: MXPA04000471 A - 2004-03-18
- 7 Articles with elasticated topsheets**
Inventor: MUELLER JOERG (DE); WESTERHEIDE LARS (DE); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F5/44; A61F5/452 (+8)
Publication info: US2004162538 A1 - 2004-08-19
- 8 ABSORBENT ARTICLES WITH ELASTICATED TOPSHEETS**
Inventor: MUELLER JOERG (DE) **Applicant:** PROCTER & GAMBLE (US); MUELLER JOERG (DE); (+4)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/494; A61F5/44; A61F5/452 (+8)
Publication info: WO03009795 A1 - 2003-02-06

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Family list**16 family members for: EP1201212**

Derived from 13 applications

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- 1 Elasticated topsheet with an elongate slit opening**
Inventor: ROE DONALD CARROLL; ASHTON GREGORY; (+3) **Applicant:** PROCTER & GAMBLE
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: **AU2723602 A** - 2002-05-06
- 2 Absorbent articles with elastic topsheets**
Inventor: ROE DONALD CARROLL; ASHTON GREGORY; (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: **BR0114864 A** - 2004-01-06
- 3 ELASTICATED TOPSHEET WITH AN ELONGATE SLIT OPENING**
Inventor: MULLER JORG (DE); ASHTON GREGORY (US); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: **CA2423853 A1** - 2002-05-02
- 4 Elasticated topsheet with an elongate slit opening**
Inventor: CARROLL ROE DONALD (US); GREGORY ASHTON (US); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: **CN1655747 A** - 2005-08-17
- 5 Absorbent articles with elastic topsheets**
Inventor: MUELLER JOERG (DE); WESTERHEIDE LARS (DE); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+5)
Publication info: **EP1201212 A2** - 2002-05-02
EP1201212 A3 - 2002-06-05
EP1201212 B1 - 2006-10-11
- 6 ELASTICATED TOPSHEET WITH AN ELONGATE SLIT OPENING**
Inventor: ROE DONALD CARROLL (US); ASHTON GREGORY (US); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: **EP1328229 A2** - 2003-07-23
- 7 ELASTICATED TOPSHEET WITH AN ELONGATE SLIT OPENING**
Inventor: ASHTON GREGORY (US); MASON OLIVIER EDWIN CLARKE (US); (+3) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+5)
Publication info: **HU0301449 A2** - 2003-09-29
- 8 Absorbent articles with elastic topsheets**
Inventor: **Applicant:**
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+9)
Publication info: **JP2004512098T T** - 2004-04-22
- 9 ELASTICATED TOPSHEET WITH AN ELONGATE SLIT OPENING.**
Inventor: ROE DONALD CARROLL (US) **Applicant:** PROCTER & GAMBLE (US)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: **MXPA03002705 A** - 2003-06-24
- 10 Elasticated topsheet with an elongate slit opening**
Inventor: ROE DONALD CARROLL (US); ASHTON **Applicant:** PROCTER & GAMBLE (US)

- GREGORY (CA); (+3)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+5)
Publication info: TW555550B B - 2003-10-01
- 11 Elasticated topsheet with an elongate slit opening**
Inventor: ROE DONALD CARROLL (US); ASHTON **Applicant:** PROCTER & GAMBLE (US)
GREGORY (US); (+3)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+5)
Publication info: US6482191 B1 - 2002-11-19
- 12 ELASTICATED TOPSHEET WITH AN ELONGATE SLIT OPENING**
Inventor: ROE DONALD CARROLL; ASHTON **Applicant:** PROCTER & GAMBLE (US)
GREGORY; (+3)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+6)
Publication info: WO0234186 A2 - 2002-05-02
WO0234186 A3 - 2002-06-20
- 13 Elasticated topsheet with an elongate slit opening.**
Inventor: ROE DONALD CARROLL; MASON OLIVIER **Applicant:** PROCTER & GAMBLE
EDWIN CLARKE; (+3)
EC: A61F13/15B3K; A61F13/15C1; (+3) **IPC:** A61F13/511; A61F5/44; A61F13/15 (+5)
Publication info: ZA200302524 A - 2004-02-16

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	Type	L #	Hits	Search Text	DBs
1	BRS	L2	8	westerheide-lars\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
2	BRS	L3	141	mueller-joerg\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
3	BRS	L4	170	schmidt-mattias\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	BRS	L5	28	langdon-frederick\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	BRS	L6	82	divo-michael\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	BRS	L7	386	2 or 3 or 4 or 5 or 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
7	BRS	L8	0	("2004/0162538").URPN.	USPAT
8	IS&R	L9	2	("6482191").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
9	BRS	L10	47	muller-jorg\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
10	BRS	L11	90	("20010004689" "20060025744" "3848594" "3860003" "3929135" "4324246" "4343314" "4463045" "4515595" "4609518" "4610678" "4629643" "4662875" "4673402" "4695278" "4704116" "4795454" "4808178" "4834735" "4846815" "4888231" "4892536" "4894060" "4909803" "4946527" "4963140" "4988344" "4988345" "5137537" "5147345" "5151092" "5156911" "5221274" "5260345" "5387207" "5387450" "5439459" "5518801" "5607760" "5609587" "5625222" "5635191" "6648869").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
11	BRS	L12	0	("2006/0025744").URPN.	USPAT
12	BRS	L13	55	("4044769" "4300967" "4450026" "4595441" "4662877" "4704115" "4704116" "4738677" "4753646" "4846823" "4990147" "4992125" "5032120" "5061261" "5110386" "5246432" "5330598" "Re33106").PN. OR ("5439459").URPN.	US-PGPUB; USPAT; USOCR
13	BRS	L14	98	("2545674" "3452753" "3572342" "3658064" "3779167" "3807402" "3860003" "3952745" "3967623" "3999548" "4050462" "4210143" "4246900" "4282874" "4300562" "4337771" "4352355" "4397645" "4427408" "4490148" "4695278" "4808178" "Re26151").PN. OR ("4909803").URPN.	US-PGPUB; USPAT; USOCR
14	BRS	L15	78	("2545674" "3799167" "3807402" "3860003" "4210143" "4300562" "4397645" "4427408" "4490148" "4695278").PN. OR ("4808178").URPN.	US-PGPUB; USPAT; USOCR

	Type	L #	Hits	Search Text	DBs
15	BRS	L16	360	("3860003" "4040423" "4490148" "4496360" "4500316").PN. OR ("4704116").URPN.	US-PGPUB; USPAT; USOCR
16	IS&R	L17	5	((("5643588") or ("5648167") or ("h001670"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
17	IS&R	L18	1910	((604/385.01) or (604/385.19) or (604/385.22) or (604/385.24) or (604/385.09) or (604/385.28) or (604/348)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
18	IS&R	L19	2	("4990147").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
19	BRS	L20	3	"1632207"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
20	IS&R	L21	11624	((604/358-402) or (604/904)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
21	BRS	L24	6	21 and (("x-shape") or ("x-shaped") or (x adj shape\$)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
22	BRS	L25	232	21 and hexagon\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Type	L #	Hits	Search Text	DBs
23	BRS	L26	18	21 and (hexagon\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
24	BRS	L27	129	(hexagon\$) same (("x-shape") or ("x-shaped") or (x adj shape\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB